

I claim:

1. Method for preparing a concentrated inoculating composition for use with leguminous plants, preferably soybeans, alfalfa and beans, based on a sterilized and cooled general use culture medium, which comprises the following steps for treating the culture medium in the order given:
  - a) The general use culture medium is sterilized and cooled;
  - b) The *Rhizobium Japonicum* bacteria is added to the culture medium and allowed to multiply for 46 hours at a temperature preferably of 28° C;
  - c) The result of the two previous steps is cooled to a temperature of 10° or 11° C;characterized by the addition to the general use culture medium treated in the way explained of powdered maltose saccharide and liquid maltose saccharide as well as a fungicide called potassium sorbate which were treated in accordance with the following steps:
  - 1) Previous dissolving in 100 liters of water;
  - 2) Sterilization at 121° C for 30 minutes;
  - 3) Cooling to 20° C.
2. Method for preparing a concentrated inoculating composition as described in claim 1, characterized in that it also comprises the step of incorporating, prior to step a), of 5 to 20% peat previously treated in accordance with the following steps:

- I) Heating the peat with water distilled at 100 C for forty minutes;
  - II) Transferring 10% of the peat of step I in the final volume to the fermenting unit where the culture medium is to be prepared and where are added the rest of the chemicals which comprise the general use culture medium;
  - III) Adjusting the pH in accordance with the usual standards in the process of fermenting Rhizobium.
3. A concentrated inoculating composition for use with leguminous plants, preferably soybeans, alfalfa and beans based on a general use culture medium obtained with the method described in claim 1, characterized in that it comprises powdered maltose, liquid maltose and lactose saccharides as well as the fungicide potassium sorbate.
  4. A composition as described in claim 3, characterized in that it comprises 5 to 20% thereof for peat previously treated in accordance with claim 2.